

Abstract:

Method of Coordinating the Application of a Regenerative and an Anti-lock System

In a method, which is intended for a motor vehicle with a regenerative and an anti-lock conventional brake system (ABS) and is used for coordinating the application of the regenerative and the anti-lock system, the regenerative brake system is switched off upon entry into an ABS control, however, upon termination of the ABS control or ABS control phase, regenerative braking is admitted again in dependence on the respective driving situation and/or criteria representative of the brake demand and the instantaneous coefficient of friction, in a modified form as compared to the regenerative braking operation prior to the entry into the ABS control mode.

(Figure 1)